

NATIONAL ELECTRONIC DISEASE SURVEILLANCE SYSTEM (NEDSS)

NPP STD PAM

STD DEMO SCRIPT

<CM ID> Version R00C02 Draft

09/06/2006

REVISION HISTORY

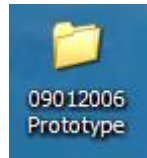
Date	Version	Description	Author
08/28/2006	R00C01	Initial Draft	Larry Rimmer
9/6/2006	R00C02	Updated with more scenarios	Larry Rimmer
9/11/06	R00C03	Updated with CDC feedback	Larry Rimmer

TABLE OF CONTENTS

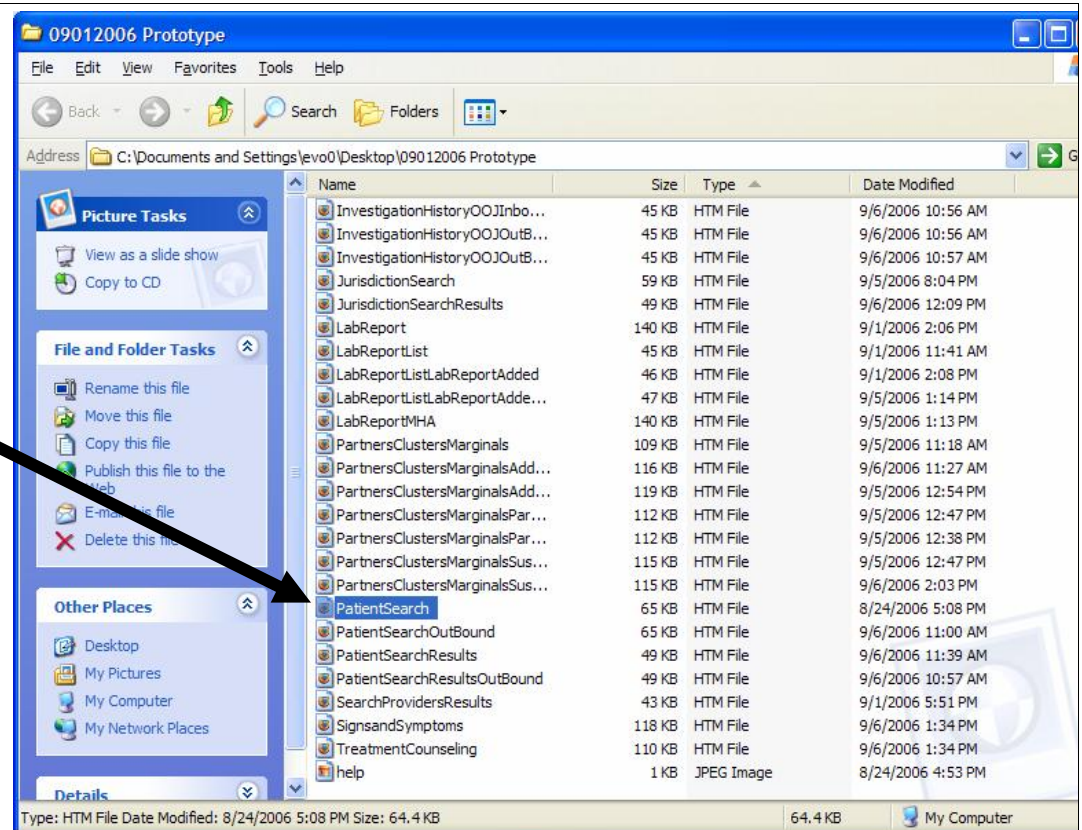
1	CREATE INVESTIGATION FROM LAB RESULT SCENARIO.....	1
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1 CREATE INVESTIGATION FROM LAB RESULT SCENARIO

1. Close Explorer and double click the newly created folder icon on your desktop called "09012006Prototype".



2. Double click on PatientSearch.htm. This should open the file in your default web browser.



3. This will open the NPP Patient Search screen.
Select Search Patients to search for a patient.

The screenshot displays the 'NEDSS: Search for Patients' web application running in Microsoft Internet Explorer. The browser's address bar shows the URL: C:\Documents and Settings\ev00\Desktop\STD Prototype Scenarios\CreateInvestigation\LabReport\PatientSearch.htm. The page is titled 'NEDSS: Search for Patients' and includes a navigation bar with links: Home, Create, Reports, System Admin, and Search. The main content area is titled 'Home > Search Patients' and features a 'Searching for a Patient' status. The search form is divided into two tabs: 'Basic Search' (selected) and 'Extended Search'. The 'Basic Search' tab contains the following fields:

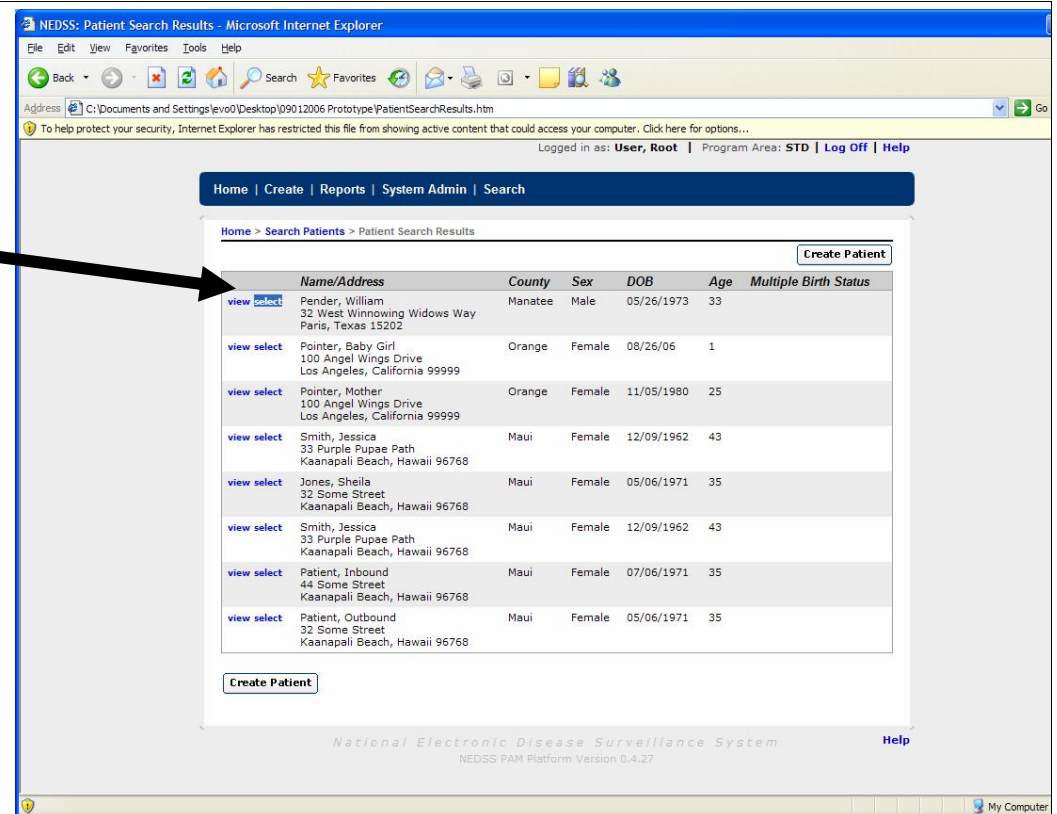
- Identification: SSN (text box) and Patient ID (text box)
- Name: Name Type (dropdown menu set to 'Any'), Last Name (dropdown menu set to 'Like' with a text box), First Name (dropdown menu set to 'Like' with a text box), and Middle Name (dropdown menu set to 'Like' with a text box)
- Sex and Birth: Date of Birth (dropdown menu with a text box) and Age in Years (text box with a note '(+/- 2 years)')
- Sex: Sex (dropdown menu set to 'Any')

At the bottom of the form are two buttons: 'Search Patients' and 'Cancel'. A black arrow points from the instruction text to the 'Search Patients' button. The footer of the page reads 'National Electronic Disease Surveillance System' and 'NEDSS PAM Platform Version 0.4.27'.

4. Ignore the warning toolbar at the top of the page – there are no scripts being run that are a threat to your computer. The NPP Demo pages were copied from the current NPP pages that use scripting in order to support their functionality – they do not work in this demo.

The screenshot shows a web browser window titled "NEDSS: Search for Patients - Microsoft Internet Explorer". The address bar displays the path "C:\Documents and Settings\lev00\Desktop\STD Prototype Scenarios>CreateInvestigationLabReport\PatientSearch.htm". A security warning from Internet Explorer is visible below the address bar. The page header includes navigation links: Home | Create | Reports | System Admin | Search. The main content area features a search interface with two tabs: "Basic Search" (selected) and "Extended Search". Under "Basic Search", there are sections for Identification (with fields for SSN and Patient ID), Name (with a dropdown for Name Type and input fields for Last, First, and Middle names, each preceded by a "Like" filter), Sex and Birth (with a Date of Birth field and an Age in Years field with a "+/- 2 years" note), and Sex (with a dropdown). At the bottom of the search section are "Search Patients" and "Cancel" buttons. The footer contains the text "National Electronic Disease Surveillance System" and "NEDSS PAM Platform Version 0.4.27", along with a "Help" link. The Windows taskbar at the bottom shows the "My Computer" icon.

5. This will bring up the patient search results screen. Notice that the option to create a patient is displayed. Select the patient to edit by clicking 'select' next to 'Pender, William'. (Note: In the actual NPP you will select the option to 'edit' the patient, but in order to reuse the search file in this prototype the 'select' option is being used.)



6. This will bring up the patient in an editable view (in the current NPP you will click on the 'edit' option, but in order to save time we are re-using the same search window). This includes all of the fields that are currently in the Varicella PAM – most will be the same for the STD PAM but with a few changes. The tabs for the Patient view in this prototype are not functional and will generate an error. Click on Investigations to view a list of the current investigations for this patient.

NEDSS: Edit Patient - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\evro\Desktop\09012006 Prototype\EditPatientPender.htm

To help protect your security, Internet Explorer has restricted this file from showing active content that could access your computer. Click here for options...

Logged in as: User, Root | Program Area: STD | Log Off | Help

Home | Create | Reports | System Admin | Search

Home > Search Patients > Patient Search Results > Edit Patient

* Required field

Editing a Patient Record

Investigations

* Patient Status: Active

SSN: Patient ID: 65 State Patient ID:

Patient Name

Type	As Of	First	Middle	Last
Legal	05/19/2006	William	P	Pender

* Name Type: Legal

* Name Information as of Date: 05/19/2006

Prefix:

* First Name: William Middle Name: P * Last Name: Pender

Suffix:

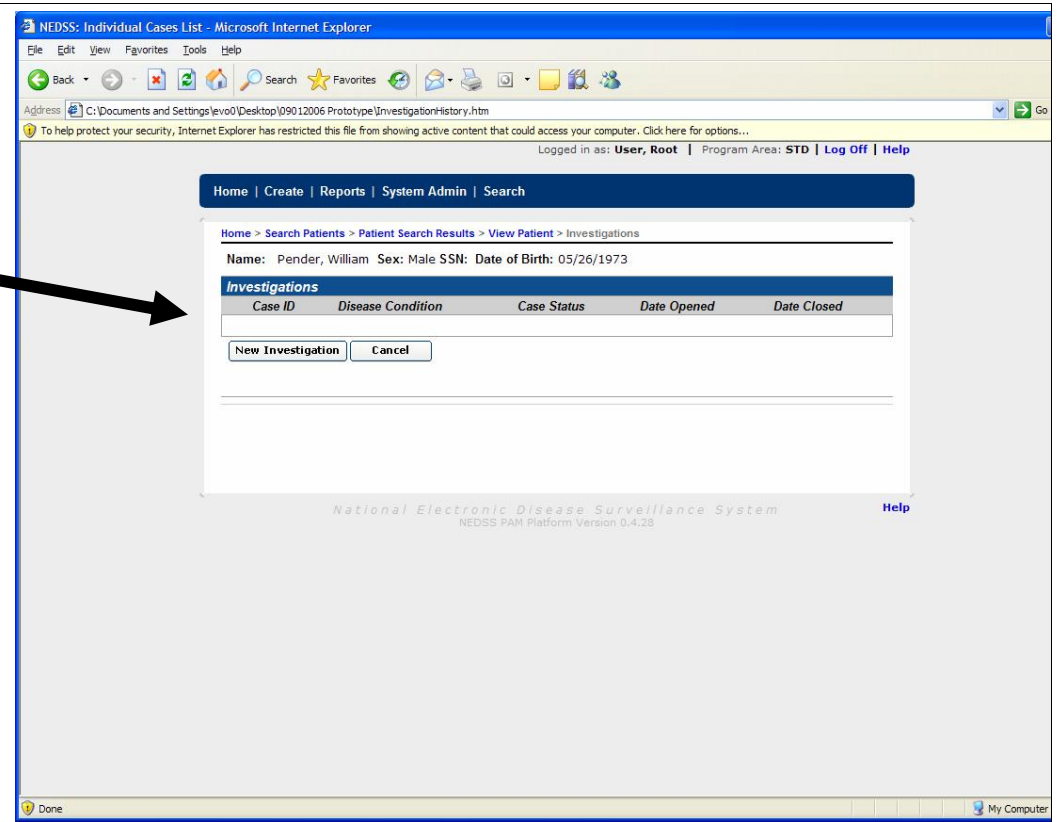
New Name Save Name

Sex and Birth

* Birth Information as of Date: 05/19/2006 Sex: Male

* Date of Birth: 05/26/1973 Current Age: 33 Years and 1 Months. Multiple Birth: Multiple Birth Status:

7. This will bring up a list of current investigations for the patient (obviously there are none – we are going to create one). Select ‘New Investigation’ to create a new investigation for the patient.



8. This is the interface used in NPP to create an STD investigation. Notice that the patient's information at the top is already displayed. Also note that the Lot number and patient IDs are automatically generated by the system. We are going to go through a case that is started by entering a new lab report. .



NEDSS: Create STD Investigation - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\ev00\Desktop\09012006 Prototype\CreateInvestigation.htm

To help protect your security, Internet Explorer has restricted this file from showing active content that could access your computer. Click here for options...

Logged in as: User, Root | Program Area: STD | Log Out

Home | Create | Reports | System Admin | Search

Home > Search Patients > Patient Search Results > View Patient > Investigations > Create Investigation

Opening an STD Investigation R

Lab Reports Case Reports Investigations Notes Print Aud

Name: William Pender DOB: 5/26/1973 Sex: M Age: 33 Patient ID: 23
Investigation ID: 34 Referral Basis: Disease Condition:

Investigation Summary Provider Follow Up Field Investigation Interview Record Signs/Symptoms Treatment Partners/Clusters/Margina

Investigation Summary

Lot: 42 Patient ID: 32

State Patient ID: Date Opened: Date Closed: Referral Basis: Case Report Other Reason:

Disease Condition: 100 - Chancroid

Complications? ☐ PID

Case Status: Not Infected Assigned To: Search Users Supervisor: Search Users

Patient Follow Up: Yes Interviewed: No Treated: No Partners Initiated: 3 Clusters Initiated: 2

Priority: Date Assigned: 12/14/2006 Follow-Up Status: Administrative Closure Original Interview Date (Derived from Interview Record)

Done My Computer

9. Scroll down to the section titled 'Lab Tests' and select 'Associate Lab Report.'

NEDSS: Create STD Investigation - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\ervo0\Desktop\09012006 Prototype\CreateInvestigation.htm

To help protect your security, Internet Explorer has restricted this file from showing active content that could access your computer. Click here for options...

Initiating Agency: Search Jurisdictions Investigating Agency: Search Jurisdictions

OOJ Send Date:

OOJ Due Date:

Method of Case Detection: Screening Program Other Method of Case Detection:

OP Condition: N/A

OP Case Number: N/A

Imported Case? ☐ Yes ☐ No

Imported Case Location:

Report as Morbidity? ☐ Yes ☒ No

Date of Diagnosis:

Count Date:

Lab Tests

Test ID	Version No.	Test Name	Date Sample Collected	Disease	Result	Units	Test Reason	Jurisdiction	Date Last Updated
•									
<input type="button" value="Associate Lab Result"/>									

Treatments

Rx Date	Provider	Drug and Dosage	Incidental?
•			

Signs and Symptoms

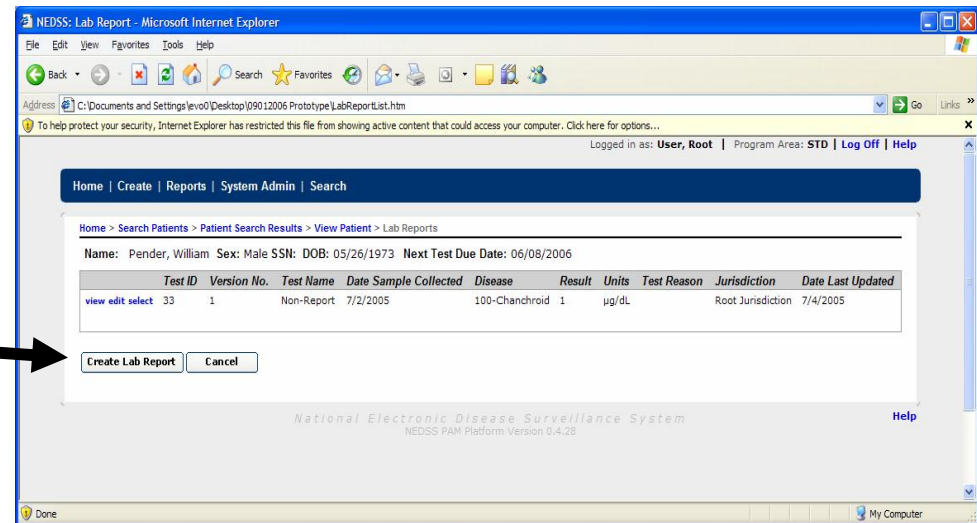
Code	Obs. Date	Site	Clinician?	Patient?	Duration
•					

STD History

Condition	Dx Date	Rx Date	Confirmed?
100 - Chancroid	5/5/2005		

Done My Computer

10. This will bring up the list of lab reports currently associated to the patient. NPP associates all lab reports to a patient and allows the user to associate lab reports to investigations as necessary. This enables programs to store lab results that may not warrant a full investigation. We are creating a syphilis investigation and have two lab reports to enter, so will need to create two new lab results. Select Create Lab Report to continue.



11. The interface for entering a lab result is displayed. All of this interface is non-functional but gives you an idea of how the system associates providers, laboratories, and ordering medical groups to a lab result.

NEDSS: Create Lab Report - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\ev00\Desktop\09012006 Prototype\LabReport.htm

To help protect your security, Internet Explorer has restricted this file from showing active content that could access your computer. Click here for options...

Logged in as: User, Root | Program Area: STD | Log Off | Help

Home | Create | Reports | System Admin | Search

Home > Create Lab Report * Required field

Lab and Provider Information Creating a Lab Report Record

Reported By: Laboratory Laboratory

Search Labs Remove Lab Search Labs Remove Lab

Code: Lab Code:

Name: Lab Name:

Ordering Provider Ordering Medical Group

Search Providers Remove Provider Search Groups Remove Group

Provider Code: Group Code:

Provider Name: Group Name:

Testing Information

Disease Condition: 100 - Chancroid

* Test Name:

Test Status:

Test Dates

* Date Sample Collected: Date Sample Received at Lab:

Date Sample Analyzed: Date Result Sent From Lab:

Date Result Received at Health Department:

Lab Accession Number:

Done My Computer

12. Select 'Save Lab Report' to continue.

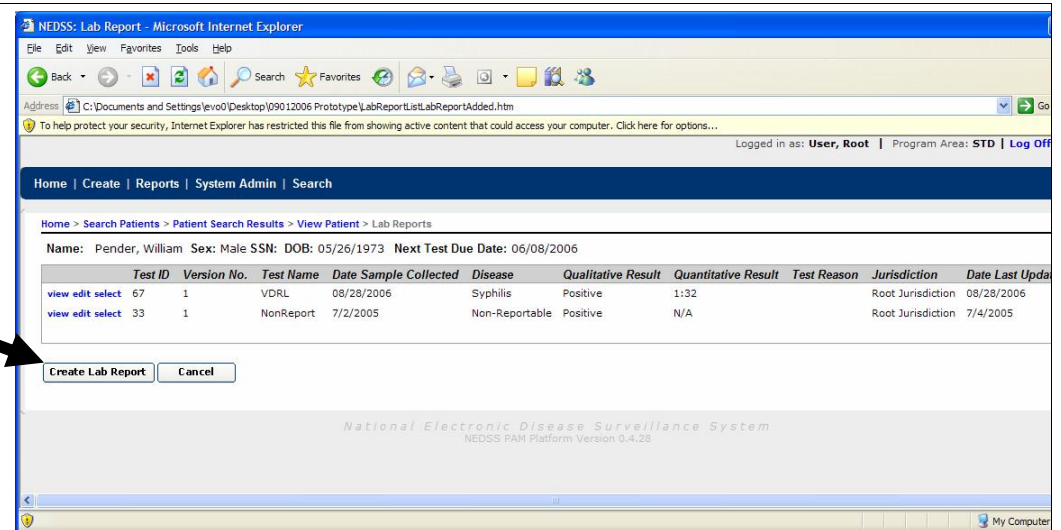
The screenshot shows a web browser window titled "NEDSS: Create Lab Report - Microsoft Internet Explorer". The address bar shows the URL: "C:\Documents and Settings\jevo\Desktop\STD Prototype Scenarios\CreateInvestigationLabReport\LabReport.htm". The form contains the following fields and sections:

- Disease Condition:** 100 - Chancroid
- * Test Name:** (dropdown menu)
- Test Status:** (dropdown menu)
- Test Dates:**
 - * Date Sample Collected:** (text box)
 - Date Sample Received at Lab:** (text box)
 - Date Sample Analyzed:** (text box)
 - Date Result Sent From Lab:** (text box)
 - Date Result Received at Health Department:** (text box)
- Lab Accession Number:** (text box)
- * Specimen Site:** (dropdown menu)
- Test Reason:** (dropdown menu)
- Qualitative Result:** (dropdown menu)
- Unsatisfactory Qualitative Result:** (dropdown menu)
- Quantitative Result:** (dropdown menu)
- Units:** (dropdown menu)
- Test Notes:** (text area)

At the bottom of the form, there are two buttons: "Save Lab Report" and "Return to Lab Report List". A large black arrow points from the instruction text to the "Save Lab Report" button.

National Electronic Disease Surveillance System
NEDSS PAM Platform Version 0.4.27

13. The lab report has been added to the patient's lab report list. Click 'Select' next to the VDRL lab result to associate this lab result to the investigation.



14. The lab result is added to the patient's investigation. Notice also under Investigation Summary that the Disease Condition and Referral Basis are now saved and displayed.

NEDSS: Create STD Investigation - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites

Address C:\Documents and Settings\jevo0\Desktop\09012006 Prototype\CreateInvestigationLabResultAdded.htm

To help protect your security, Internet Explorer has restricted this file from showing active content that could access your computer. Click here for options...

Imported Case? ☐ Yes ☐ No

Imported Case Location

Report as Morbidity? ☐ Yes ☒ No

Date of Diagnosis:

Count Date:

Lab Tests

Test ID	Version No.	Test Name	Date Sample Collected	Disease	Qualitative Result	Quantitative Result	Test Reason	Jurisdiction	Date Last Updated
67	1	VDRL	08/28/2006	Syphilis	Positive	1:32		Root Jurisdiction	08/28/2006

Associate Lab Result

Treatments

Rx Date	Provider	Drug and Dosage	Incidental?

Signs and Symptoms

Code	Obs. Date	Site	Clinician?	Patient?	Duration

STD History

Condition	Dx Date	Rx Date	Confirmed?
100 - Chancroid	5/5/2005		

Risk Factors

(Risk Factors whose question is = Yes will be listed here.)

Investigation Plans and Supervisory Review

My Computer

NEOSS: Create STD Investigation - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites Home

Address C:\Documents and Settings\evro\Desktop\p9012006 Prototype\CreateInvestigationLabResultAdded.htm

To help protect your security, Internet Explorer has restricted this file from showing active content that could access your computer. Click here for options...

Imported Case? ☐ Yes ☒ No

Imported Case Location

Report as Morbidity? ☐ Yes ☒ No

Date of Diagnosis:

Count Date:

Lab Tests

Test ID	Version No.	Test Name	Date Sample Collected	Disease	Qualitative Result	Quantitative Result	Test Reason	Jurisdiction	Date Last Updated
67	1	VDRL	08/28/2006	Syphilis	Positive	1:32		Root Jurisdiction	08/28/2006

Associate Lab Result

Treatments

Rx Date	Provider	Drug and Dosage	Incidental?

Signs and Symptoms

Code	Obs. Date	Site	Clinician?	Patient?	Duration

STD History

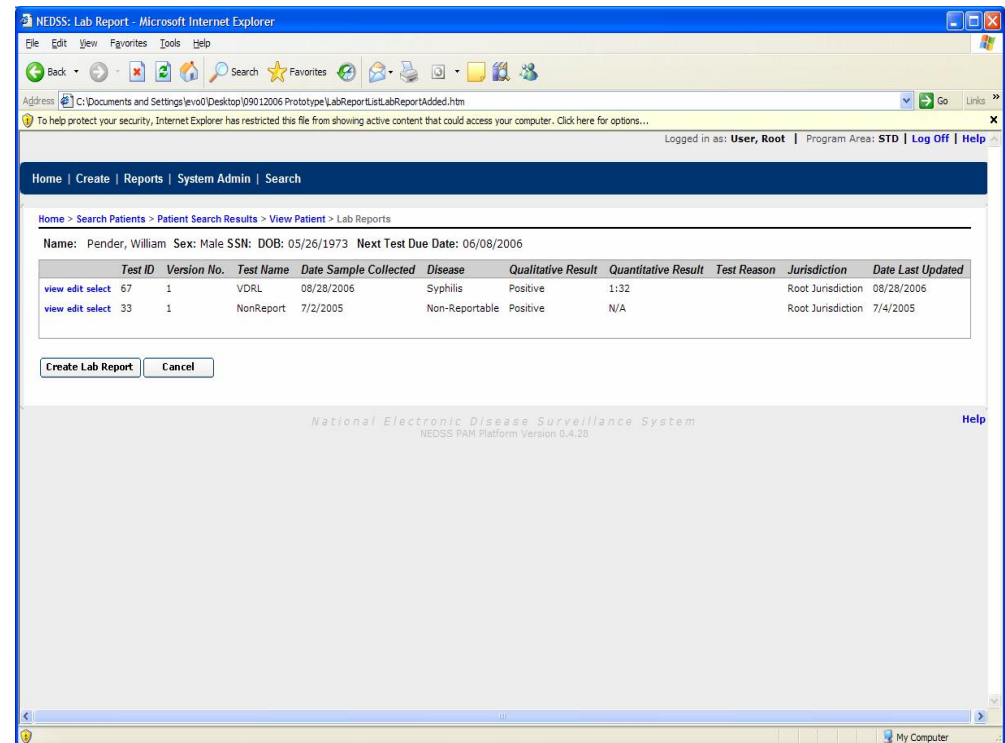
Condition	Dx Date	Rx Date	Confirmed?
100 - Chancroid	5/5/2005		

Risk Factors

(Risk Factors whose question is = Yes will be listed here.)

Investigation Plans and Supervisory Review

16. Select Create Lab Report again to enter the new lab result. This will be an MHA-TP result.



17. As before, enter the lab result information (nothing is actually stored, so you can just save the result without entering anything) and select Save Lab Report.

NEDSS: Create Lab Report - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <C:\Documents and Settings\jevo0\Desktop\09012006 Prototype\LabReportMHA.htm>

To help protect your security, Internet Explorer has restricted this file from showing active content that could access your computer. Click here for options...

Provider Code: Group Code:

Provider Name: Group Name:

Testing Information

Disease Condition:

* Test Name:

Test Status:
MHA-TP
Chlamydia Amp
GC Amp
Neisseria Gonorrhoeae, DNA Probe
Chlamydia Trachomatis, DNA Probe

* Date Sample Collected: Date Result Received at Lab:

Date Sample Analyzed: Date Result Sent From Lab:

Date Result Received at Health Department:

Lab Accession Number:

* Specimen Site:

Anatomic Site:

Test Reason:

Qualitative Result:

Unsatisfactory Qualitative Result:

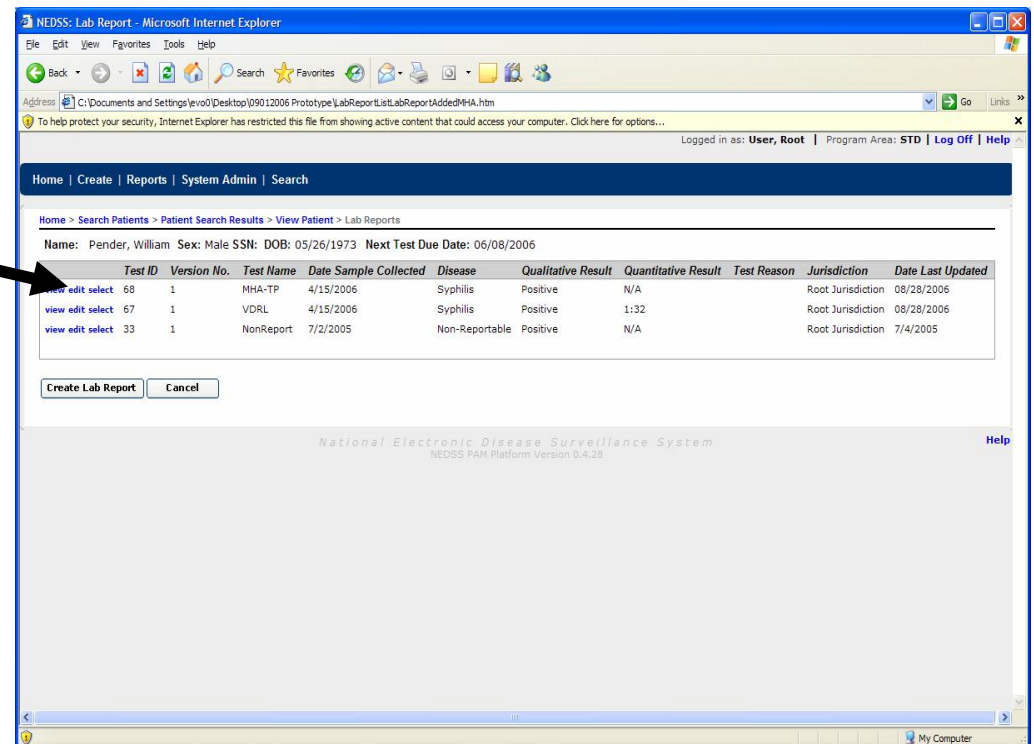
Quantitative Result:

Units:

Test Notes:

Done My Computer

18. The MHA-TP lab result is now listed with the patient's lab results. Click Select next to MHA-TP to associate this lab result to the patient's investigation.



19. The lab result is now associated to the patient's investigation.

NEDSS: Create STD Investigation - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Go Links

Address C:\Documents and Settings\jevo0\Desktop\09012006 Prototype\CreateInvestigationLabResultAddMHA.htm

To help protect your security, Internet Explorer has restricted this file from showing active content that could access your computer. Click here for options...

Case Number: _____
Lot Number: _____

Method of Case Detection: Screening Program Other Method of Case Detection: _____

Imported Case? ☐ Yes ☐ No
Imported Case Location: _____

Report as Morbidity? ☐ Yes ☒ No Date of Diagnosis: _____
Count Date: _____

Lab Tests

Test ID	Version No.	Test Name	Date Sample Collected	Disease	Qualitative Result	Quantitative Result	Test Reason	Jurisdiction	Date Last Updated
68	1	MHA-TP	4/15/2006	Syphilis	Positive	N/A		Root Jurisdiction	08/28/2006
67	1	VDRL	4/15/2006	Syphilis	Positive	1:32		Root Jurisdiction	08/28/2006

Associate Lab Result

Treatments

Rx Date	Provider	Drug and Dosage	Incidental?

Signs and Symptoms

Code	Obs. Date	Site	Clinician?	Patient?	Duration

STD History

Condition	Dx Date	Rx Date	Confirmed?
100 - Chancroid	5/5/2005		

Done My Computer

20. Next we'll add an exam from the patient's provider.
Select Provider Follow Up to continue.

NEDSS: Create STD Investigation - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\jevo0\Desktop\09012006 Prototype\CreateInvestigationLabResultAddMHA.htm

To help protect your security, Internet Explorer has restricted this file from showing active content that could access your computer. Click here for options...

Logged in as: User, Root | Program Area: STD | Log Off | Help

Home | Create | Reports | System Admin | Search

Home > Search Patients > Patient Search Results > View Patient > Investigations > Create Investigation

Opening an STD Investigation Record

Lab Reports Case Reports Investigations Notes Print Audit

Name: William Pennington DOB: 5/26/1973 Sex: M Age: 33 Patient ID: 23
Investigation ID: 34 Referral Basis: Lab Report Disease Condition: 700 - Syphilis Reactor

Investigation Summary Provider Follow Up Field Investigation Interview Record Signs/Symptoms Treatment Partners/Clusters/Marginals

Investigation Summary

Lot: 42 Patient ID: 32

State Patient ID:

Date Opened: 7/10/2006 Date Closed:

Disease Condition: 700 - Syphilis Reactor Referral Basis: Lab Report

Complications? N/A

Case Status: Unknown

Assigned To: Search Users

Supervisor: Search Users

Priority: ☐

Date Assigned: 12/14/2006

Follow-Up Status: Administrative Closure

Patient Follow Up Yes

Interviewed: No Original Interview Date:

Treated: No

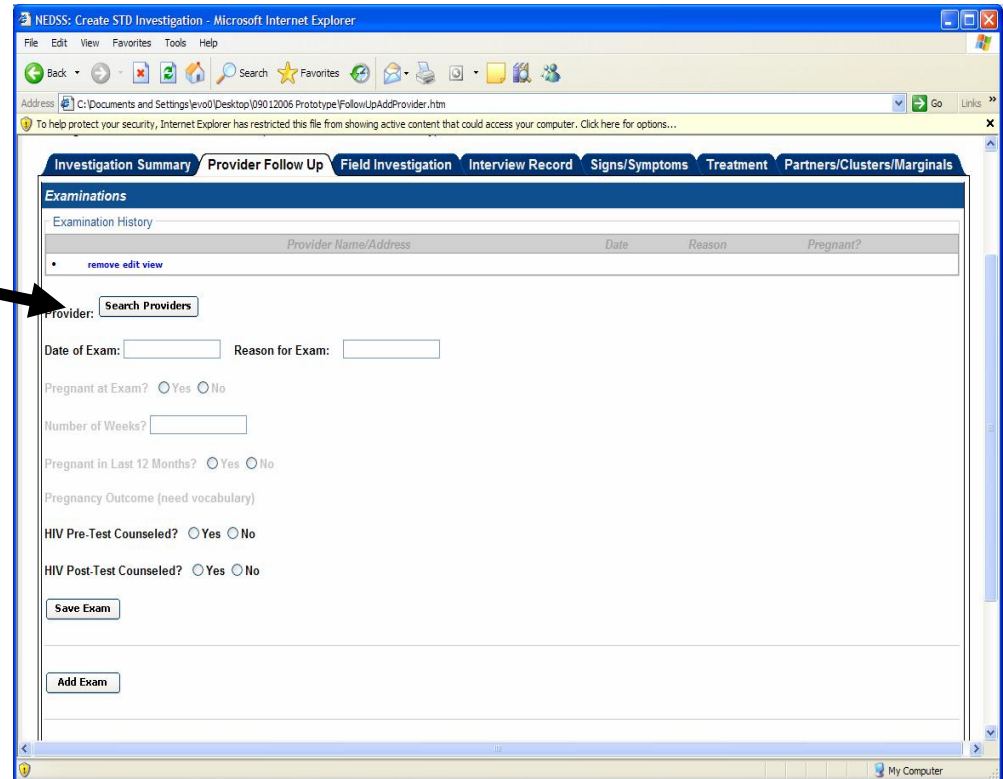
Partners Initiated: 3

Done My Computer

21. This will bring up the area where the provider follow up is entered. It provides an area for entering the examination history for the patient. Select 'Add Exam' to bring up the interface to add a new exam.

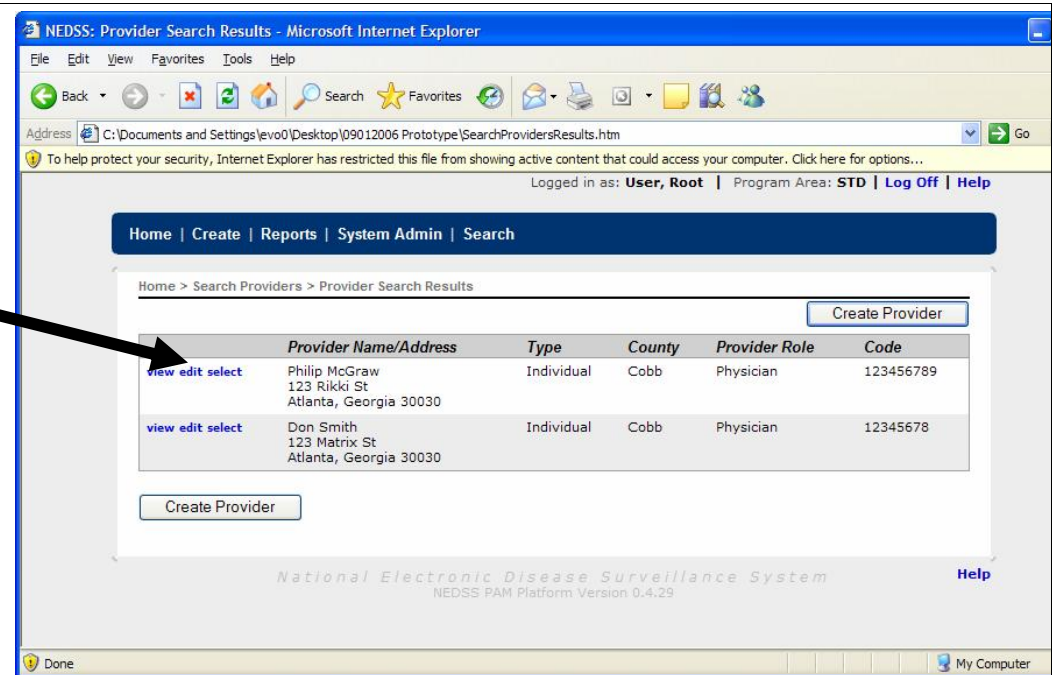
The screenshot displays the 'NEDSS: Create STD Investigation' web application in Microsoft Internet Explorer. The browser's address bar shows the URL: C:\Documents and Settings\ev0\Desktop\09012006 Prototype\FollowUp.htm. The application is logged in as 'User, Root' with the program area set to 'STD'. The main navigation bar includes links for Home, Create, Reports, System Admin, and Search. The breadcrumb trail indicates the current path: Home > Search Patients > Patient Search Results > View Patient > Investigations > Create Investigation. The patient information displayed is: Name: William Pender, DOB: 5/26/1973, Sex: M, Age: 33, Patient ID: 23, Investigation ID: 34, Referral Basis: Lab Report, Disease Condition: 700 - Syphilis. The 'Examinations' section is active, showing a table with columns: Provider Name/Address, Date, Reason, and Pregnant?. Below the table is an 'Add Exam' button. The footer of the application indicates it is the 'National Electronic Disease Surveillance System' (NEDSS PAM Platform Version 0.4.27).

22. This brings up the interface to add a new exam. NPP provides the ability to create and store providers. Select 'Search Providers' to add the provider who performed the exam to the Exam History.



The screenshot shows a web browser window titled "NEDSS: Create STD Investigation - Microsoft Internet Explorer". The address bar shows the URL "C:\Documents and Settings\jevo0\Desktop\09012006 Prototype\FollowUpAddProvider.htm". The page has a navigation bar with tabs: "Investigation Summary", "Provider Follow Up", "Field Investigation", "Interview Record", "Signs/Symptoms", "Treatment", and "Partners/Clusters/Marginals". The "Provider Follow Up" tab is selected. Below the navigation bar is a section titled "Examinations". Under "Examinations", there is a link "Examination History" and a table with columns "Provider Name/Address", "Date", "Reason", and "Pregnant?". Below the table is a link "remove edit view". Below the table is a form for adding a new exam. The form has a "Provider:" label and a "Search Providers" button. Below the "Provider:" label are fields for "Date of Exam:", "Reason for Exam:", "Pregnant at Exam?" (radio buttons for Yes/No), "Number of Weeks?", "Pregnant in Last 12 Months?" (radio buttons for Yes/No), "Pregnancy Outcome (need vocabulary)", "HIV Pre-Test Counseled?" (radio buttons for Yes/No), and "HIV Post-Test Counseled?" (radio buttons for Yes/No). Below the form are buttons for "Save Exam" and "Add Exam".

23. The search will return a list of providers. In the actual NPP you will be provided an interface to query based on a set of fields. Click 'select' next to Philip McGraw to add this provider to the investigation.



24. The provider is added to the investigation. Click
Save Exam to add the exam to the investigation.

NEDSS: Create STD Investigation - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\jevo\Desktop\09012006 Prototype\FollowUpProviderAdded.htm

Home > Search Patients > Patient Search Results > View Patient > Investigations > Create Investigation

Opening an STD Investigation Record

Lab Reports Case Reports Investigations Notes Print Audit

Name: William Pender DOB: 5/26/1973 Sex: M Age: 33 Patient ID: 23
Investigation ID: 34 Referral Basis: Lab Report Disease Condition: 700 - Syphilis

Investigation Summary Provider Follow Up Field Investigation Interview Record Signs/Symptoms Treatment Partners/Clusters/Marginals

Examinations

Examination History

	Provider Name/Address	Date	Reason	Pregnant?
• remove edit view	Philip McGraw 123 Rikki St Atlanta, Georgia 30030			N/A

Provider: Search Providers

Date of Exam: Reason for Exam:

Pregnant at Exam? ☐ Yes ☐ No

Number of Weeks:

Pregnant in Last 12 Months? ☐ Yes ☐ No

Pregnancy Outcome (need vocabulary)

HIV Pre-Test Counseled? ☐ Yes ☐ No

HIV Post-Test Counseled? ☐ Yes ☐ No

Save Exam

25. The exam is now added to the investigation. Note that the NPP will allow you to add additional exams as the investigation proceeds.

The screenshot shows the 'NEDSS: Create STD Investigation' web application in Microsoft Internet Explorer. The browser address bar shows the path: C:\Documents and Settings\evro0\Desktop\09012006 Prototype\FollowUpExamAdded.htm. The application is logged in as 'User, Root' with 'Program Area: STD'. The navigation menu includes 'Home', 'Create', 'Reports', 'System Admin', and 'Search'. The breadcrumb trail is 'Home > Search Patients > Patient Search Results > View Patient > Investigations > Create Investigation'. The main content area displays patient information: 'Name: William Pender DOB: 5/26/1973 Sex: M Age: 33 Patient ID: 23' and 'Investigation ID: 34 Referral Basis: Lab Report Disease Condition: 700 - Syphilis'. Below this is a tabbed interface with 'Investigation Summary' selected. The 'Examinations' section shows an 'Examination History' table with one entry: Philip McGraw, 123 Rikki St, Atlanta, Georgia 30030, dated 4/17/2006, for a 'Check Up' reason, with 'Pregnant?' status 'N/A'. An 'Add Exam' button is located below the table. At the bottom, there are 'Save Investigation' and 'Cancel' buttons. The footer text reads 'National Electronic Disease Surveillance System NEDSS PAM Platform Version 0.4.27'.

Examination History								
remove edit view								
<table><tr><th>Provider Name/Address</th><th>Date</th><th>Reason</th><th>Pregnant?</th></tr><tr><td>Philip McGraw 123 Rikki St Atlanta, Georgia 30030</td><td>4/17/2006</td><td>Check Up</td><td>N/A</td></tr></table>	Provider Name/Address	Date	Reason	Pregnant?	Philip McGraw 123 Rikki St Atlanta, Georgia 30030	4/17/2006	Check Up	N/A
Provider Name/Address	Date	Reason	Pregnant?					
Philip McGraw 123 Rikki St Atlanta, Georgia 30030	4/17/2006	Check Up	N/A					

26. Select Field Investigation to view the Field Record information.

The screenshot shows the NEDSS web application interface. The browser title is "NEDSS: Create STD Investigation - Microsoft Internet Explorer". The address bar shows the URL: "C:\Documents and Settings\jevo\Desktop\09012006 Prototype\FollowUpExamAdded.htm". The page is logged in as "User, Root" and the program area is "STD". The navigation bar includes links for Home, Create, Reports, System Admin, and Search. The breadcrumb trail is: Search Patients > Patient Search Results > View Patient > Investigations > Create Investigation. The main content area has tabs for Lab Reports, Case Reports, Investigations, Notes, Print, and Audit. The "Investigations" tab is active, showing a patient record for William Pender (DOB: 5/20/1972, Sex: M, Age: 33, Patient ID: 23). The "Field Investigation" sub-tab is selected, displaying an "Examinations" table with one entry for Philip McGraw on 4/17/2006. The footer indicates the system is "National Electronic Disease Surveillance System" (NEDSS PAM Platform Version 0.4.27).

Examinations				
Examination History				
	Provider Name/Address	Date	Reason	Pregnant?
• remove edit view	Philip McGraw 123 Rikki St Atlanta, Georgia 30030	4/17/2006	Check Up	N/A

27. This will display the information needed to be entered for a field investigation.

This view includes information not already entered that would appear on the Field Record form, such as the field record number, the date the investigation was assigned to the field, the field worker assigned, and so on. This is also where the patient's source/spread status will be selected.

By selecting the Print option (not available in this demo) the user will be able to print the Field Record for the case – it will include all information appropriate for a field record, not just the information displayed on this screen.

The screenshot shows a web browser window titled "NEDSS: View Patient - Microsoft Internet Explorer". The address bar shows the URL "C:\Documents and Settings\jevo\Desktop\09012006 Prototype\Field Investigation.htm". The browser displays a web application interface for the National Electronic Disease Surveillance System (NEDSS). The user is logged in as "User, Root" and the program area is "STD". The interface includes a navigation menu with options like Home, Create, Reports, System Admin, and Search. The main content area shows patient information for William Pender, including DOB, Sex, Age, Patient ID, Investigation ID, Referral Basis, and Disease Condition. The "Field Investigation" tab is selected, displaying a form for entering field record details. The form includes fields for Field Record Number, Date Assigned, Assigned To (with a Search Users button), Referral Type (set to Referral), Reason for Follow Up, Date Dispositioned, Disposition (set to Examined), and Source/Spread (set to Source). A "Save Field Record" button is at the bottom of the form. The footer of the page indicates "National Electronic Disease Surveillance System" and "NEDSS PAM Platform Version 0.4.25".

28. Select the Interview Record Tab to continue.

The screenshot shows the NEDSS (National Electronic Disease Surveillance System) 'View Patient' interface. The browser window title is 'NEDSS: View Patient - Microsoft Internet Explorer'. The address bar shows the URL: 'C:\Documents and Settings\jevo\Desktop\09012006 Prototype\Field Investigation.htm'. The page is logged in as 'User, Root' with 'Program Area: STD'. The navigation bar includes links for Home, Create, Reports, System Admin, and Search. The breadcrumb trail is: Home > Search > Patients > Patient Search Results > View Patient > Investigations. The 'Viewing a Patient Record' section shows patient details: Name: William Pender, DOB: 5/26/1973, Sex: M, Age: 32, Patient ID: 23, Investigation ID: 34, Referral Basis: Lab Report, Disease Code: 000000 - 700 - Syphilis. Below this is a tabbed interface with the following tabs: Investigation Summary, Provider Follow-Up, Field Investigation, Interview Record, Signs/Symbols, Treatment, and Partners/Clusters/Marginals. The 'Interview Record' tab is selected. The 'Field Record' section contains the following fields: *Field Record Number (text box), *Date Assigned (text box), Assigned To (Search Users button), Referral Type (Referral dropdown), Reason for Follow Up (text box), Date Dispositioned (text box), Disposition (Examined dropdown, with a note: '(Must be in sync with the case status (can't have this be confirmed and case be not infected))'), and Source/Spread (Source dropdown, with a note: 'Only one patient can be the source within a single investigation.'). A 'Save Field Record' button is at the bottom of the form. The footer of the page reads: 'National Electronic Disease Surveillance System' and 'NEDSS PAM Platform Version 0.4.25'. A 'Help' link is in the bottom right corner.

29. The Interview Record tab includes an area for generic interview results, an area to enter each interview instance, where a patient met partners and had sex, the number of sex partners, risk factors, and the patient's travel history.

The screenshot displays the NEDSS: STD Interviews web application in Microsoft Internet Explorer. The browser's address bar shows the file path: C:\Documents and Settings\evro0\Desktop\09012006 Prototype\Interview Record.htm. The application's navigation bar includes links for Home, Create, Reports, System Admin, and Search. The main content area shows the 'Patient Search Results' page for a patient named William Pender, with details including DOB (5/26/1973), Sex (M), Age (33), Patient ID (23), Investigation ID (34), Referral Basis (Lab Report), and Disease Condition (700 - Syphilis). The 'Interview Record' tab is selected, displaying the 'Interview Results' section. This section includes a 'Control Number' field, an 'Interviewer History' table with one entry for Fred Smith assigned on 06/29/2006, and an 'Assign Interviewer' button. Below these are various form fields for interview details, including 'Interviewed?' (Yes), 'Reason for no interview?' (Other), 'Other Reason for No Interview', 'Interview Period' (Months), 'Pregnant at Interview?' (Yes/No), 'Number of Weeks', 'Currently in prenatal care?' (Yes/No), 'Pregnant in Last 12 Months?' (Yes/No), 'Pregnancy Outcome', and 'Tested for HIV at time of this event?' (Yes/No).

NEDSS: STD Interviews - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites Home

Address C:\Documents and Settings\evro0\Desktop\09012006 Prototype\Interview Record.htm Go Links

To help protect your security, Internet Explorer has restricted this file from showing active content that could access your computer. Click here for options...

Home | Create | Reports | System Admin | Search

Home > Search Patients > Patient Search Results > View Patient

Lab Reports Case Reports Investigations Note

Name: William Pender DOB: 5/26/1973 Sex: M Age: 33 Patient ID: 23
Investigation ID: 34 Referral Basis: Lab Report Disease Condition: 700 - Syphilis

Investigation Summary Provider Follow Up Field Investigation Interview Record Signs/Symptoms/Hx Treatment Partners/Clusters/Marginals

Interview Results

Control Number:

Interviewer History

Name	Date Assigned
Fred Smith	06/29/2006

Assign Interviewer (Need fields to display above if this is how the assignment is used)

Interviewed? Yes (Displayed based on the existence of an interview)

Reason for no interview? Other (Activate only if Interviewed = No; Need values)

Other Reason for No Interview: (Activate only if Reason for No Interview = Other)

Interview Period: Months

Pregnant at Interview? Yes No

Number of Weeks: (Activate only if Pregnant at Interview = Yes)

Currently in prenatal care? Yes No

Pregnant in Last 12 Months? Yes No

Pregnancy Outcome: (Activate only if Pregnant in Last 12 Months = Yes)

Tested for HIV at time of this event? Yes

Done My Computer

30. Scroll down to the Interview History section and select 'Add Interview' to add a new interview.

NEDSS: STD Interviews - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\ev00\Desktop\09012006 Prototype\Interview Record.htm

Number of Weeks: (Activate only if Pregnant at Interview = Yes)

Currently in prenatal care? ☐ Yes ☐ No

Pregnant in Last 12 Months? ☐ Yes ☒ No

Pregnancy Outcome: (Activate only if Pregnant in Last 12 Months = Yes)

Tested for HIV at time of this event? Yes

Have Places to Meet Partners? Yes

Have Places to Have Sex? Yes

Interview History

Person Interviewed	Date of Interview	PEMS Site ID	Interviewer
Add Interview			

Places to Meet Partners

Location	Address	State	ZIP	
view	Some Location	111 Patient1 Street - Edit1	Georgia	30096
Add Address				

Places to Have Sex

Location	Address	State	ZIP	
view	Some Location	111 Patient1 Street - Edit1	Georgia	30096
Add Address				

Done My Computer

31. This brings up the Interview Record screen where details of an interview instance can be entered. Clicking on Save Interview returns the user to the investigation with the interview entered. Clicking on Enter Partners and Clusters takes the user directly to the interface to enter partners and clusters.

Click Save Interview to continue.

The screenshot shows a Microsoft Internet Explorer window titled "NEDSS: Create Lab Report - Microsoft Internet Explorer". The address bar shows the URL "C:\Documents and Settings\leo01\Desktop\09012006 Prototype\CreateInterview.htm". A security warning from Internet Explorer is visible at the top. The page content includes a navigation bar with links: Home | Create | Reports | System Admin | Search. Below this is a breadcrumb trail: Home > Search Patients > Patient Search Results > View Patient > Investigations > Create Interview. The main form is titled "Interview Information" and contains the following fields: "Interview Date:" with a text input, "Interviewer:" with a text input and a "Search Users" button, "Place of Interview:" with a text input, and "PEMS Site ID:" with a text input. At the bottom of the form are two buttons: "Save Interview" and "Enter Partners and Clusters". The footer of the page reads "National Electronic Disease Surveillance System" and "NEDSS PAM Platform Version 0.4.27".

32. The interview is added to the investigation.

NEDSS: STD Interviews - Microsoft Internet Explorer

Address: C:\Documents and Settings\jevo0\Desktop\09012006 Prototype\Interview Record\InterviewAdded.htm

To help protect your security, Internet Explorer has restricted this file from showing active content that could access your computer. Click here for options...

Pregnancy Outcome: (Activate only if Pregnant in Last 12 Months = Yes)

Tested for HIV at time of this event? Yes

Have Places to Meet Partners? Yes

Have Places to Have Sex? Yes

Interview History

	Person Interviewed	Date of Interview	PEMS Site ID	Interviewer
remove edit view	William Pender	8/28/2006		Fred Smith

[Add Interview](#)

Places to Meet Partners

	Location	Address	State	ZIP
view	Some Location	111 Patient1 Street - Edit1	Georgia	30096

[Add Address](#)

Places to Have Sex

	Location	Address	State	ZIP
view	Some Location	111 Patient1 Street - Edit1	Georgia	30096

[Add Address](#)

33. Select Signs/Symptoms/Hx tab to continue.

NEDSS: STD Interviews - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\evro0\Desktop\09012006 Prototype\Interview Record.htm Go Links

To help protect your security, Internet Explorer has restricted this file from showing active content that could access your computer. Click here for options...

Home | Create | Reports | System Admin | Search

Home > Search Patients > Patient Search Results > Patient

Name: William Pender DOB: 5/26/1973 Sex: M Age: 33 Patient ID: 23
Investigation ID: 34 Referral Basis: Lab Report Disease Condition: 700 - Syphilis

Lab Reports Case Reports Investigations Note

Investigation Summary Provider Follow Up Field Investigation Interview Record **Signs/Symptoms/Hx** Treatment Partners/Clusters/Marginals

Interview Results

Control Number:

Interviewer History

Name	Date Assigned
Fred Smith	06/29/2006

Assign Interviewer (Need fields to display above if this is how the assignment is used)

Interviewed? Yes (Displayed based on the existence of an interview)

Reason for no interview? Other (Activate only if Interviewed = No; Need values)

Other Reason for No Interview: (Activate only if Reason for No Interview = Other)

Interview Period: Months

Pregnant at Interview? ☐ Yes ☐ No

Number of Weeks: (Activate only if Pregnant at Interview = Yes)

Currently in prenatal care? ☐ Yes ☐ No

Pregnant in Last 12 Months? ☐ Yes ☒ No

Pregnancy Outcome: (Activate only if Pregnant in Last 12 Months = Yes)

Tested for HIV at time of this event? Yes

Done My Computer

34. The Signs/Symptoms/Hx includes the signs, symptoms, and STD history for the patient. Select the Treatment tab to continue.

The screenshot shows the NEDSS View Patient web application in Microsoft Internet Explorer. The browser address bar shows the URL: C:\Documents and Settings\evro0\Desktop\09012006 Prototype\SignsandSymptoms.htm. The application is logged in as User, Root, with Program Area: STD. The main navigation bar includes links for Home, Search Patients, Patient Search Results, Patient, and Investigations. The 'Entering Signs/Symptoms/STD History' button is highlighted. The patient information displayed is: Name: William Pender, DOB: 5/26/1973, Sex: M, Age: 33, Patient ID: 23, Investigation ID: 34, Referral Basis: Lab Report, Disease Condition: 700 - Syphilis Reactor. The 'Signs and Symptoms' tab is selected, showing a table with columns: Code, Rx Date, Obs. Date, Site, Clinician?, Patient?, and Duration. The table contains one entry with Code X34 and Obs. Date 5/5/2005. Below the table is the 'Add Signs/Symptoms' form with fields for Code, Rx Date, Observation Site, Observation Date, Anatomic Site, Clinician Observed?, Patient Described?, and Duration. The 'Save Signs/Symptoms' button is highlighted.

Code	Rx Date	Obs. Date	Site	Clinician?	Patient?	Duration
X34		5/5/2005				

Buttons: remove, edit, view (for each row)

Form fields: *Code: [text], Rx Date: [text], Observation Site: [dropdown], Observation Date: [text], Anatomic Site: [dropdown], Clinician Observed?: [text], Patient Described?: [text], Duration: [text]

Buttons: Save Signs/Symptoms, Add Signs/Symptoms

NEDSS: View Patient - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites RSS Print Mail Copy Paste Address Bar

Address http://C:\Documents and Settings\levo\Desktop\09012006 Prototype\TreatmentCounseling.htm Go Links

To help protect your security, Internet Explorer has restricted this file from showing active content that could access your computer. Click here for options...

Logged in as: User, Root | Program Area: STD | Log Off | Help

Home | Create | Reports | System Admin | Search

Home > Search Patients > Patient Search Results > View Patient > Investigations

Entering Treatments

Name: William Pender DOB: 5/26/1973 Sex: M Age: 33 Patient ID: 23
 Last Patient Lab Report Disease Condition: 700 - Syphilis Reactor

Lab Reports Case Reports Investigations Notes Print Audit

Investigation Summary Provider Follow Up Field Investigation Interview Record Signs/Symptoms Partners/Clusters/Marginals

Treatments

	Rx Date	Provider	Drug and Dosage	Incidental?
remove edit view	5/5/2005			
remove edit view				

Add Treatment

Treatment Date:

Provider:

Drug: (need vocabulary)

Dosage:

Incidental Antibiotic Treatment? ☐ Yes ☒ No

Condition Treated For: (If Incidental) ☐

Comments:

36. Now we will add a partner to the investigation.
This will lead into the next scenario, which
continues an investigation automatically created
when a partner (or cluster) is added to an
investigation.

Select Search Patients to search for Jessica Smith, who
was named as a partner during William Pender's
interview.

NEDSS: View Patient - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\jevo0\Desktop\09012006 Prototype\PartnersClustersMarginals.htm

To help protect your security, Internet Explorer has restricted this file from showing active content that could access your computer. Click here for options...

Logged in as: User, Root | Program Area: STD | Log Off | Help

Home | Create | Reports | System Admin | Search

Home > Search Patients > Patient Search Results > View Patient > Investigations

Adding a Partner or Cluster

Lab Reports Case Reports Investigations Notes Print Audit

Name: William Pender DOB: 5/26/1973 Sex: M Age: 33 Patient ID: 23
Investigation ID: 34 Referral Basis: Lab Report Disease Condition: 700 - Syphilis

Investigation Summary Provider Follow-Up Field Investigation Interview Record Signs/Symptoms Treatment Partners/Clusters/Marginals

Partners/Clusters

Type	First	Middle	Last	Sex	Pregnant	Named On	Date of Interview	Dispo Date	Dispo	SO/SP
Add Partner/Cluster										
Search Patients										

Marginals

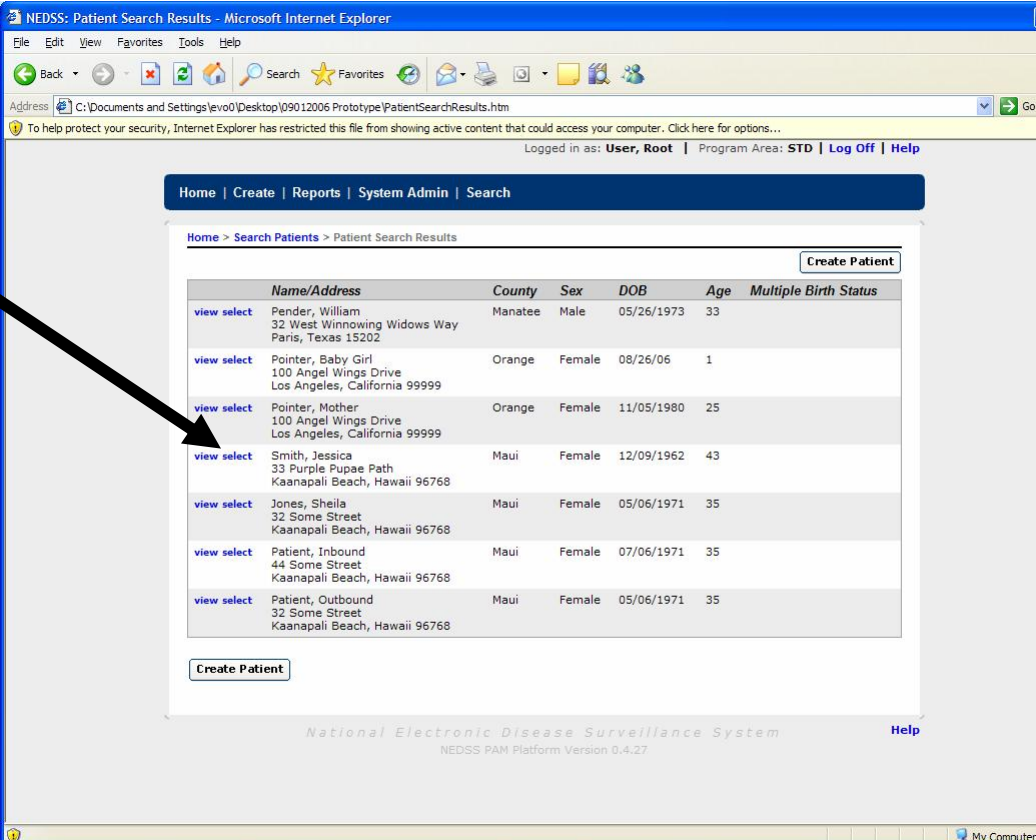
Type	Date of Interview	Interviewed?	First	Middle	Last
• remove edit view P1 - Partner	05/12/2006	Yes	Some	S	Partner
• remove edit view S1 - Suspect	05/12/2006	No	Some	S	Cluster

Adding a Partner/Cluster

National Electronic Disease Surveillance System

My Computer

37. Select Search Patients and then click 'select' next to "Smith, Jessica" to continue.



NEDSS: Patient Search Results - Microsoft Internet Explorer

Address: C:\Documents and Settings\evro0\Desktop\09012006 Prototype\PatientSearchResults.htm

Logged in as: **User, Root** | Program Area: **STD** | [Log Off](#) | [Help](#)

Home | Create | Reports | System Admin | Search

Home > Search Patients > Patient Search Results

[Create Patient](#)

	Name/Address	County	Sex	DOB	Age	Multiple Birth Status
view select	Pender, William 32 West Winnowing Widows Way Paris, Texas 15202	Manatee	Male	05/26/1973	33	
view select	Pointer, Baby Girl 100 Angel Wings Drive Los Angeles, California 99999	Orange	Female	08/26/06	1	
view select	Pointer, Mother 100 Angel Wings Drive Los Angeles, California 99999	Orange	Female	11/05/1980	25	
view select	Smith, Jessica 33 Purple Pupae Path Kaanapali Beach, Hawaii 96768	Maui	Female	12/09/1962	43	
view select	Jones, Sheila 32 Some Street Kaanapali Beach, Hawaii 96768	Maui	Female	05/06/1971	35	
view select	Patient, Inbound 44 Some Street Kaanapali Beach, Hawaii 96768	Maui	Female	07/06/1971	35	
view select	Patient, Outbound 32 Some Street Kaanapali Beach, Hawaii 96768	Maui	Female	05/06/1971	35	

[Create Patient](#)

National Electronic Disease Surveillance System
NEDSS PAM Platform Version 0.4.27

[Help](#)

My Computer

38. The system adds the patient to the investigation and displays the options to describe the association between the patient added and the original patient's investigation. From here, the user will have the ability to associate the patient as a partner, suspect, or associate to the original patient and other information including exposure data (if the association type is Partner). Select Save Partner/Cluster to continue.

NEDSS: View Patient - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\evro0\Desktop\09012006 Prototype\PartnersClustersMarginalsAddPartner.htm

To help protect your security, Internet Explorer has restricted this file from showing active content that could access your computer. Click here for options...

Investigation Summary Provider Follow-Up Field Investigation Interview Record Signs/Symptoms Treatment Partners/Clusters/Marginals

Partners/Clusters

Type	First	Middle	Last	Sex	Pregnant	Named On	Date of Interview	Dispo Date	Dispo	SO/SP
	Jessica		Smith	F						

remove edit view create investigation

Add New Partner/Cluster

Type: P2 - Partner

Interview Date: 08/28/2006

Associate to Referring Patient? ☐ Yes ☐ No

Spouse to OP? ☐ Yes ☐ No

Pregnant? ☐ Yes ☐ No

Original Patient Named Dack? ☐ Yes ☐ No (If yes, then display Exposure fields below)

Exposure

First: Frequency: Last:

Exposure Information Source: ☒ Original Patient ☐ Partner

Prefix:

First Name: Jessica Middle Name: Last Name: Smith

Suffix:

Name Information as of Date: 12/2/2005

Save Partner/Cluster

Add Partner/Cluster

Search Patients

39. Once saved, the association appears in the Partners/Clusters section.

Marginals are created when an investigation is closed as a 'Marginal Partner.' If a patient is closed as a marginal, then all investigations to which that patient is associated will display the patient as a marginal partner or cluster – assuming they are associated to a referring patient.

The screenshot shows the NEDSS View Patient interface in Microsoft Internet Explorer. The browser address bar shows the URL: C:\Documents and Settings\evro0\Desktop\09012006 Prototype\PartnersClustersMarginalsPartnerAdded.htm. The page title is "NEDSS: View Patient - Microsoft Internet Explorer".

The interface includes a navigation bar with links: Home | Create | Reports | System Admin | Search. Below this, there's a breadcrumb trail: Home > Search Patients > Patient Search Results > View Patient > Investigations. A status bar at the top right indicates "Logged in as: User, Root | Program Area: STD | Log Off | Help".

The main content area has a tabbed interface with the following tabs: Investigation Summary, Provider Follow-Up, Field Investigation, Interview Record, Signs/Symptoms, Treatment, and Partners/Clusters/Marginals. The "Partners/Clusters/Marginals" tab is currently selected.

Below the tabs, there's a section for "Partners/Clusters" with a table of data. The table has columns: Type, First, Middle, Last, Sex, Pregnant, Named On, Date of Interview, Dispo Date, Dispo, and SO/SP. The data row shows: P1 - Partner, Jessica, S, Smith, F, 4/26/2006.

Below the table, there's a section for "Add New Partner/Cluster" with a "Search Patients" button.

Below that, there's a section for "Marginals" with a table of data. The table has columns: Type, Date of Interview, Interviewed?, First, Middle, Last. The data rows show: P1 - Partner, 05/12/2006, Yes, Some, S, Partner; and S1 - Suspect, 05/12/2006, No, Some, S, Cluster.

At the bottom, there's a note: "If a partner/cluster's investigation is closed out as 'Marginal' then the partner/cluster is moved to the Marginals section. If the case for that partner is re-opened after being closed as 'Marginal', then the partner/cluster is moved back up to Partners/Clusters section."

The footer of the page includes the text: "National Electronic Disease Surveillance System" and "NEDSS PAM Platform Version 0.4.25".

